

CLAIM AMENDMENTS

1. (currently amended) An apparatus for shaping and/or folding can bodies [[(11)]], the apparatus having at least two oppositely rotating shaping tools ~~(12 and 13)~~ of which one is mounted on an outer end of an arm [[(14)]] for radial movement, wherein the arm ~~(14)~~ is being provided with a controllable drive ~~(15, 16, 17)~~ comprised of a motor ~~(15)~~ with or without a step-down drive (16) and an ~~increment or angle sensor (17)~~ sensor means for detecting a position of the outer end of the arm.

2. (currently amended) The apparatus according to claim 1 wherein the arm [[(14)]] is pivotal.

3. (currently amended) The apparatus according to claim 2 wherein there are a plurality of the arms each ~~pivot arm (14)~~ is provided with two tools ~~(13a and 13b)~~ that are used alternately for shaping.

4. (currently amended) ~~The apparatus according to claim 1 wherein by~~ An apparatus for shaping can bodies, the apparatus having at least two oppositely rotating shaping tools of which one is mounted on an outer end of an arm for radial movement, the arm being provided with a controllable drive comprised of a motor and sensor means for detecting a position of the outer end of the arm, the apparatus further comprising a calibrating body (10), in

8 ~~particular a calibrating ring,~~ that serves after changing of one of
9 the shaping tools as a reference point for setting at a null point
10 ~~the increment or angle sensor [(17)]~~ means.

1 5. (currently amended) The apparatus according to claim
2 1 wherein there are a plurality of such arms each ~~in a multiple-~~
3 ~~spindle carousel-type machine each arm (14) is~~ connected with a
4 respective such externally controllable drive ~~(15, 16, 17).~~

1 6. (currently amended) The apparatus according to claim
2 1 wherein , further comprising control means comparing change in
3 [[the]] an actual-value current output of the electrical drive
4 relative to an [[the]] angular position of the arm, and the
5 deriving therefrom a force curve, and comparing the derived force
6 curve derived from it is compared with a stored force curve and,
7 when a predetermined deviation is detected, culling out the
8 respective can body is culled out.

1 7. (currently amended) The apparatus according to claim
2 [[1]] 6, further comprising a memory for the force curves of
3 typical error situations.

1 8. (new) The apparatus according to claim 1, further
2 comprising a step-down transmission between the motor and the arm.

1 9. (new) The apparatus according to claim 1 wherein the
2 sensor means is an angular-position detector.

1 10. (new) The apparatus according to claim 1 wherein the
2 sensor means is an increment detector.

1 11. new) An apparatus for shaping a can body, the
2 apparatus comprising:

3 an inner shaping tool fittable inside the can body;

4 a freely rotatable outer shaping tool outside the can
5 body;

6 an arm having an outer end rotatably carrying the outer
7 shaping tool and an inner end, the arm being pivotal about its
8 inner end;

9 means for rotating the inner tool and the can body fitted
10 thereto about an axis and thereby also entraining and rotating the
11 outer tool;

12 a motor connected to the arm for controlledly pivoting
13 the arm and thereby controlledly moving the outer shaping tool
14 toward and away from the inner shaping tool;

15 a position detector connected to arm for sensing the
16 angular position thereof and the relative spacing of the inner and
17 outer tools; and

18 control mean including a memory for controlling the motor
19 in accordance with a sensed angular position of the arm.